

SEQUENCE LISTING

COPY OF PAPERS ORIGINALLY FILED

- (ii) TITLE OF INVENTION: Method for Detection of the Presence or Absence of Methylthioadenosine Phosphorylase (MTAse) in a Cell Sample by Detection of the Presence or Absence of MTAse Encoding Nucleic Acid in the Cell Sample
- (iii) NUMBER OF SEQUENCES: 1
- (iv) CORRESPONDENCE ADDRESS:
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 - (C) CITY: San Francisco
 - (D) STATE: California
 - (E) COUNTRY: USA
 - (F) ZIP: 94111-3834
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 09/072,914
 - (B) FILING DATE: 04-MAY-1998
 - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/176,855
 - (B) FILING DATE: 29-DEC-1993
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/459,343
 - (B) FILING DATE: 02-JUN-1995
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/827,342
 - (B) FILING DATE: 26-MAR-1997
- (viii) ATTORNEY/AGENT INFORMATION:
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 - (C) REFERENCE/DOCKET NUMBER: 023070-103030US
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(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 3083 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: DNA (genomic)
- (ix) FEATURE:
 - (A) NAME/KEY: -
 - (B) LOCATION: 1..3083
 - (D) OTHER INFORMATION: /note= "rat methylthioadenosine phosphorylase (MTAse)"
- (ix) FEATURE:
 - (A) NAME/KEY: exon
 - (B) LOCATION: 119..151
 - (D) OTHER INFORMATION: /note= "exon 1"
- (ix) FEATURE:
 - (A) NAME/KEY: exon
 - (B) LOCATION: 450..536
 - (D) OTHER INFORMATION: /note= "exon 2"
- (ix) FEATURE:
 - (A) NAME/KEY: exon
 - (B) LOCATION: 724..782
 - (D) OTHER INFORMATION: /note= "exon 3"
- (ix) FEATURE:
 - (A) NAME/KEY: exon
 - (B) LOCATION: 899..1066
 - (D) OTHER INFORMATION: /note= "exon 4"
- (ix) FEATURE:
 - (A) NAME/KEY: exon
 - (B) LOCATION: 1378..1480
 - (D) OTHER INFORMATION: /note= "exon 5"
- (ix) FEATURE:
 - (A) NAME/KEY: exon
 - (B) LOCATION: 1764..1953
 - (D) OTHER INFORMATION: /note= "exon 6"
- (ix) FEATURE:
 - (A) NAME/KEY: exon
 - (B) LOCATION: 2426..2548
 - (D) OTHER INFORMATION: /note= "exon 7"
- (ix) FEATURE:
 - (A) NAME/KEY: exon
 - (B) LOCATION: 2838..2876
 - (D) OTHER INFORMATION: /note= "exon 8"
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

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AGCATATGAA TAAATGAATT	TGCTTAGAAT	CTTATTTCTA	ATAAAAATTA	CCAAATACAA	420
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TTCTCTAAGT TGTATCCTCA	GACTCTTCAG	ATTCCATGAG	TCCTGTTGTG	GTTGAACAAT	660
TATAATTTAC ATACCTGTTT	TTTAAATCAC	TGAGTTAAAT	GTCATTTTT	TCATTGCATG	720
CAGCCATCTG ATGCCTTAAT	TTTGGGGAAG	ATAAAAAATG	TTGATTGCGT	CCTCCTTGCA	780
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